Gigaset AL280 (L1c HF)

The basic entry phone for simple calling with handsfree functionality with brilliant sound quality

- Interface: a/b (analogue)
- Implementation: HA/PBX
- Standards: DECT, GAP, (CAT-IQ)
- Configuration: connection of 1 external line
- System: cordless telephone for up to 4 handsets

Main Features

General
- Plug & Play (the unit can be used without special installation; unpack the phone, connect the phone and conduct a call)
- Internal antennas
- Date and time functions are protected against power failure

Menu
- Simple operation controlled via text based menu and softkeys
- User guidance in up to 21 country specific languages (partly available)

Handset-Display
- Illuminated B/W display, 1,42 ": 1-line dot graphic 14 characters + 1 line for pictograms + 1 line for softkeys
- Display illumination: amber
- Display of date and time in standby mode
- Clock synchronization using CLIP information (country specific feature) [1), 2)]
- Battery charge status indication (3 levels)
- Display of call duration in talk mode

Keypad of handset (selection)
- 12 numeric keys plus 9 function keys
- Illuminated keypad including navigation area
- Keypad illumination color: amber
- Illuminated hands free talking key (red)
- Keypad protection on/off by longpress of # key
- Ringer tones on/off with * key
- Dedicated message-key
- Flash-key (R) with longpress for pause (P)
- Alarm key (can be used as FNO specific key)

Acoustics
- Ringer tone output via handsfree speaker
- 3 earpiece volumes, 5 tone volume settings plus off (via Longpress "*") plus crescendo
- Advisory tone (for key confirmation + low battery)
- Ringer tone on/off by * key
- HAC compatible
- Handset speaking with adjustable volume (3 steps)
- Handsfree (best quality) speaking activated by illuminated handsfree-key and with adjustable volume (5 Steps)
- Handset with High Definition Sound Performance (HDSP ready, i. e. Wideband Voice together with Gigaset IP base stations)

Dialing
- Dial preparation (input of phone numbers before seizure) with correction possibility
- Redialing of 10 last different dialing numbers
- User programmable speed-dial shortcuts using keys 2 – 9
- Dialing: DTMF, Pulse, Flash (programmable)
- Support of local Area-Codes
- Netlock (Austria) [2)]

Receiving calls
- CLIP and CNIP displayed [1), 2)]
- Selectable Ringer with
  - 10 standard melodies
  - adjustable volume
- Ringer output
  - via handsfree speaker
- Individual ring melody for internal calls

Directory
- Directory for up to 80 names and numbers
- Name indication for: incoming call, outgoing call, missed call list, redial list

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Missed calls
- Display signaling missed calls
- Comfortable access to missed call list by dedicated, illuminated message-key
- List showing up to 20 missed calls saving calls with CLIP / CNIP (base requested) and timestamp [1) 2)]
- Support of dialing out of the Missed Call List

Additional Features
- Alarm clock with dedicated alarm key

ECO DECT
- Up to 60% less electricity consumption in comparison with conventional power supplies by switched mode power supply
- switching off of the radio signal of the base
  ➔automatical at registration of 1 handset
- reducing the radio signal of the base
  ➔manual reduction of the radio signal of base station by 80% if more than 1 handsets are registered (approx. splitting the range)
- Handset reduces the transmit power automatically depending on the distance to the base

Features with more than one handset (Intercom)
- Free internal calls between handsets
- 2 calls simultaneously (1 external, 1 internal)
- Collective call of internal handsets
- Three-party conference (1 ext., 2 int. participants) via internal recall or barge in
- Transfer of external calls to another handset with prior consultation or recall
- Collective call on incoming external calls
- Directory transfer between handsets

Answering machine key features (AM version only)
- Built in answering machine
- Digital recording of voice messages with up to 15 minutes recording time
- User defined and predefined announcement
- Indication of new messages (handset)
- Replay of messages from handset
- Remote control of answering machine
- Call pick up
- Announcement of date and time for each message by voice prompt
- Recordings have unlimited protection against power failure

Fixed Net Operator Features
- Support of Netprovider features by use of R-button, *-button and #-button
- FNO specific key

Technical data

Handset
- Standby-time: up to 250 hours
- Talk time: up to 20 hours
- Battery: 2 x AAA (NiHM)
- Charging time: 7h
- Indoor range: up to 50 meters
- Outdoor range: up to 300 meters
- Dimensions (H x W x D in mm) and Weights:
  Handset: 148 x 49 x 29 / 105g

Base station
- Power supply: 230 V linear plug-in power supply
- Charging cradle in base unit
- Wall mountable
- Paging key on front of base
- Connection of 1 external line
- Connection of up to 4 handsets
- Dimensions (H x W x D in mm) and Weight:
  Base: 54 x 104 x 128 / 106g

External charger (for Duos/Triples only)
- Wall mountable
- Dimensions (H x W x D in mm) and Weight:
  Charger: 38 x 83 x 80 / 40g

Package contents
- 1 Handset
- 1 Base station
- 2 x AAA (NiHM)
- 1 Power supply unit
- 1 Telephone cord
- 1 User manual

Color: tbd

Other packages
- System Duo
- System Triple
- System Quattro
- MT-Bundle
- AM System
- AM System Duo
- AM System Triple
- AM System Quattro

Market introduction
- Market launch in August 2008 (Germany)

1) Country / customer specific
2) Provider specific

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History of Changes

Version	Date	Author(s)	Remarks
0.1	09.01.2007	Thomas Winter	Document created
0.2	12.03.2007	Thomas Winter	Update after Feature Workshop
0.3	15.03.2007	Thomas Winter	Corrected: Ringer tone via handsfree speaker; Belt Clip removed
1.0	13.08.2007	Thomas Winter	ECO DECT included
1.1	31.08.2007	Thomas Winter	Illumination Keypad removed, Final M0 Version
1.2	05.10.2007	Thomas Winter	Illumination of Keypad added again
1.3	08.10.2007	Thomas Winter	Final S0 Version
1.4	30.10.2007	Thomas Winter	HDSP ringer tones removed (could be interpreted as polyphonic ringer tones); Update of standby and talk times
1.5	12.11.2007	Thomas Winter	Update of directory size after discussion with Daniela Barthel
1.6	19.12.2007	Thomas Winter	Update Talk time from 17 to 20h according to Marketing Info Package; deletion of 'Time programmable recall' because already contained in the line above ('Flash (programmable')

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